

**DIMENSIONS:**

Protected Bank

Tree Stump

D = \_\_\_\_\_ ft.

Dia<sub>T</sub> = \_\_\_\_\_ inches

H = \_\_\_\_\_ ft.

L<sub>T</sub> = \_\_\_\_\_ ft.

L = \_\_\_\_\_ ft.

L<sub>B</sub> = \_\_\_\_\_ ft.

S = \_\_\_\_\_ ft.

Fascine

Z = \_\_\_\_\_

Species

Rock Riprap

Dia \_\_\_\_\_ inches

L<sub>R</sub> = \_\_\_\_\_ ft.

Live Staking

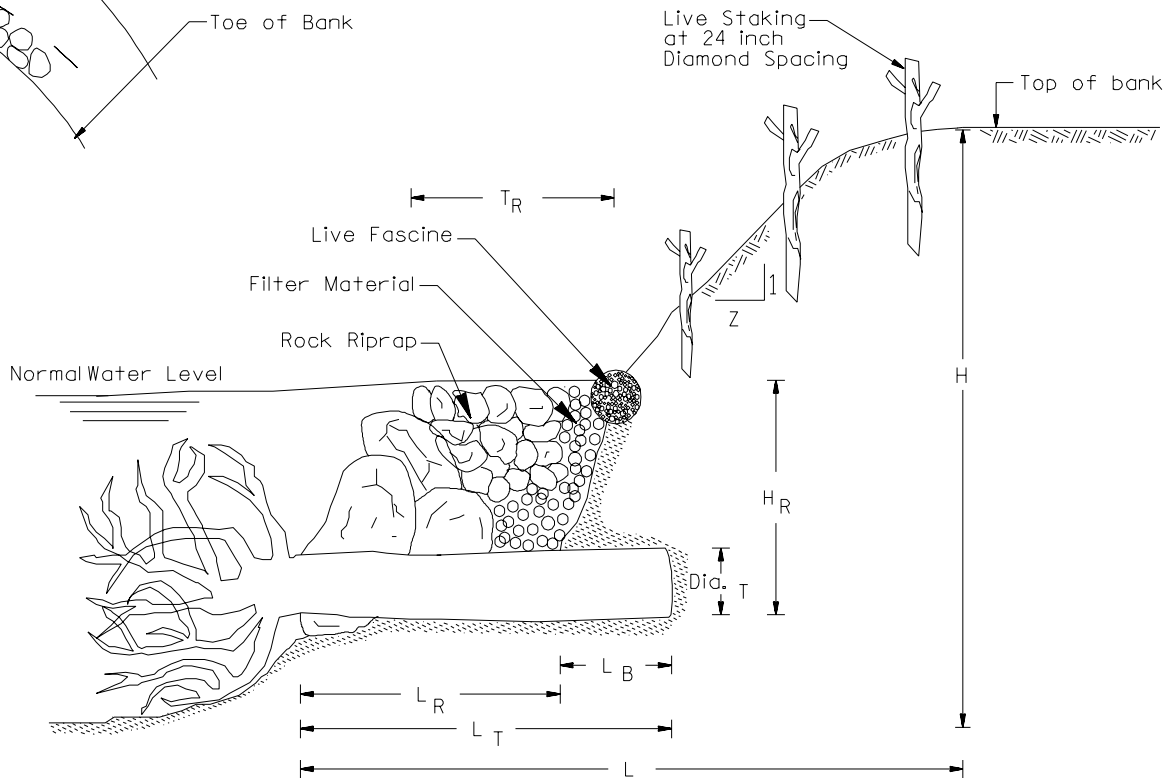
H<sub>R</sub> = \_\_\_\_\_ ft.

Species \_\_\_\_\_

T<sub>R</sub> = \_\_\_\_\_ inches

Dia \_\_\_\_\_ inches

Length \_\_\_\_\_ ft.



**ROCK GRADATION:**

Rock Riprap

Filter Material

D 100 = \_\_\_\_\_ inches

D 100 = \_\_\_\_\_ inches

D 50 = \_\_\_\_\_ inches

D 50 = \_\_\_\_\_ inches

D 25 = \_\_\_\_\_ inches

D 25 = \_\_\_\_\_ inches

BIOENGINEERING STREAMBANK PROTECTION  
ROCK TOE WITH TREE ROOT, FASCINE & STAKING

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

DESIGNED ARS

DATE  
6/94

APPROVED BY \_\_\_\_\_

DRAWN MH

6/94

TITLE \_\_\_\_\_

TRACED \_\_\_\_\_

CHECKED \_\_\_\_\_

TITLE \_\_\_\_\_

